

## Testing and Certification of Hydrogen & Fuel Cells

Hydrogen as a fuel and energy carrier is coming into focus more and more. However, to create a worldwide hydrogen economy with fuel cells providing clean and safe electrical energy end users will have to embrace hydrogen. That means using it onboard vehicles, at fuelling stations, as heat/cold and electricity supplier in their homes and as fuel supply of their electronic devices such as laptops and cell phones.

One of the success actors to create a hydrogen economy is having safe and certified hydrogen components and systems. Kiwa Nederland B.V. is one of the leading parties in this area. We assist you, as a manufacturer in the hydrogen business, to get safe and certified products. If required our services can already start during your product development to minimise cost and optimise the development process.

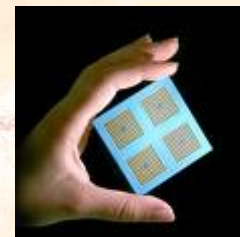


### Our services

Utilization of fuel cells and other hydrogen technologies in stationary, portable and mobile applications is one of the keys to secure a successful future hydrogen economy. If you are seeking to be successful in hydrogen we provide you the following services:

- Safety and certification consultancy;
- CE certification of hydrogen components;

- CE certification of stationary fuel cell systems and hydrogen generators;
- Product certification of mobile fuel cell applications (in early markets);
- Product certification of portable fuel cell systems.



In addition we are actively involved in standardization work regarding hydrogen and fuel cell systems. Naturally, you will directly profit this activity by being informed on the latest developments.

### Kiwa Nederland B.V.

Kiwa Nederland B.V. is an independent high quality organisation having as its core business certification. Kiwa has been appointed as a Notified Body by the EC for several European directives amongst the Gas Appliance Directive. The approval tests that we conduct cover all kind of aspects, ranging from electrical and gas technical safety to electromagnetic compatibility.

### Do you want to know more?

If you are interested in our activities and would like to have more information, please contact us, whatever stage your development is at.

Kiwa Nederland B.V.  
Falco Thuis  
Tel: + 31 555 393 240  
e-mail: [falco.thuis@kiwa.nl](mailto:falco.thuis@kiwa.nl)

**Kiwa Nederland B.V.**  
Wilmersdorf 50  
P.O. Box 137  
7300 AC Apeldoorn  
The Netherlands

Tel. +31 55 539 33 55  
Fax +31 55 539 36 85  
[www.kiwa-eup.com](http://www.kiwa-eup.com)